

In re Patent Application of  
**BAHLENBERG ET AL.**  
Serial No. 09/529,429  
Filed: OCTOBER 30, 2000

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**REMARKS**

Applicants thank the Examiner for the careful and thorough examination of the present application, and for the indication of allowable subject matter. By this amendment, original Claims 1-26 have been rewritten as new Claims 27-54 to eliminate minor informalities contained therein. Also, the independent claims now include the subject matter indicated as being allowable by the Examiner. Claims 27-54 are pending in the application. Favorable reconsideration is respectfully requested.

A proposed drawing modification to Fig. 1 is included herewith to more clearly indicate that FDD is used on longer lines, while OFDD is used on shorter lines, as requested by the Examiner. Applicants request approval of such proposed drawing modification.

The title has been amended to be more indicative of the invention to which the claims are directed. Furthermore, the term ADSL is now correctly spelled in each of the corresponding claims.

Claims 7 and 20 were rejected under 35 U.S.C. §112, first paragraph, as allegedly being non-enabled by the specification. However, Applicants point out that the specification discusses the known technique of "timing advance" at pages 2, 4 and 6. Additionally, Applicants point out that skilled artisans in the communications field appreciate that "timing advance" is a known term used in connection with transmitters transmitting at the same time or transmitting so that receivers receive transmissions at

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desired times. In support thereof, Applicants submit a technical paper from May 12-16, 1997, entitled "Zipper - a duplex scheme proposal for VDSL based on DMT" by Telia Research AB for use by the ANSI T1E1.4 Technical subcommittee working group, which discusses "timing advance" with respect to a duplex scheme in VDSL.

Accordingly, Applicants believe that the term "timing advance" is sufficiently enabled by the specification, and the claims meet the statutory requirements of 35 U.S.C. §112, first paragraph.

In view of the foregoing remarks, it is respectfully submitted that the present application is in condition for allowance. An early notice thereof is earnestly solicited. If, after reviewing this Response, there are any remaining informalities which need to be resolved before the application can be passed to issue, the Examiner is invited and respectfully requested to contact the undersigned by telephone to resolve such informalities.

Respectfully submitted,

  
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